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Separate paging is given to this Part in order that it may be filed as a separate compilation

PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 23rd November 1963

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

2nd November 1963

90574. Council of Scientific and Industrial Research. A process for the preparation of dl muscone.

90575. Council of Scientific and Industrial Research. Improvements in or relating to polyesters.

90576. Hassanand. Mechanical tube squeezer.

90577. Debendra Nath Ganguli. Improvements in transistor circuits.

90578. J. R. Patel. A non-alcoholic, non-aerated (non-effervescent) wholesome soft drink for public consumption, to be known as "badami amrut" ('almond nectar').

90579. R. H. Navlakhi. A child's swing.

90580. K. D. Kalra. A hydraulic device.

90581. James Mackie & Sons Limited. Improvements relating to textile carding machines. (26th November 1962).

90582. Raytheon Company. Electron discharge device. (19th August 1963).

90583. Electroflo Meters Company Limited. Improvements relating to electrical control apparatus or control and indication apparatus. (22nd January 1963).

90584. Roussel-Uclaf. Processes for the preparation of new fused polycyclic hydrocarbon derivatives, and the compounds thus prepared. (6th March 1963).

90585. Lincoln Valves Limited. Improvements in or relating to ball valves.

90586. Lincoln Valves Limited. Improvements in or relating to ball valves.

90587. Ab Tetra. Method of heat sealing a material of the type having a thermoplastic coating on either side of a carrying layer.

90588. The Upjohn Company. Antiviral compositions.

90589. Pittsburgh Plate Glass Company. Process and apparatus for bending glass sheets.

90590. Dunlop Rubber Company Limited. Polymeric materials. (8th November 1962).

90591. Miles Laboratories, Inc. Diagnostic composition and method.

90592. W. R. Grace & Co. Apparatus and process.

90593. W. R. Grace & Co. Process.

90594. W. R. Grace & Co. Apparatus and process.

90595. J. K. Smit & Sons International Limited. Portable rock drill. (6th November 1962).

4th November 1963

90596. Baraiya Cottage Industries. No-sag springings.

90597. Champion Spark Plug Company. A method of accurately producing an abrasive surface of revolution.

90598. Mrs. Chandanben Chandulal Dixit. Improved filter device for cigarette and the like.

90599. P. Singh. Improvements in or relating to carrier device for motor scooters and the like.

90600. Milprint Inc. Low temperature polyolefin extrusion coating process.

90601. F. Shibata. Speed control systems of wound rotor induction machines.

90602. R. S. Jaganathan. Velocity wheel.

90603. P. R. Krishnan. Automatic dipperswitch for auto head lights.

90604. P. R. Krishnan. Indicators for flasher switches.

90605. P. R. Krishnan. Automatic switch for windscreen wiper or "rain brain".

90606. S. D. Gupte. Means for generating electricity on small scale.

90607. Phillips Petroleum Company. Process for polymerizing butadiene.

90608. J. D. Hedges and Company Limited Partnership. Battery.

90609. Kaiser Jeep Corporation. Transfer case for automotive vehicles.

90610. Great Lakes Carbon Corporation. Carbon or graphite electrode joint.

90611. Hooker Chemical Corporation. Method for processing leather.

90612. The Dow Chemical Company. Pyridyl phosphorus compounds.

90613. Gebr. Bohler & Co. Aktiengesellschaft. Improvements in or relating to the manufacture of files.

90614. Inventa A. G. Fur Forschung Und Patentverwertung. Process for the production of lactams.

90615. Calumet & Hecla, Inc. Single stake fixture-wolverine panelfin extended surface plate.

90616. Pariotto Man-Nen-Hitsu Kabushiki Kaisha. Fountain pen.

90617. Dunlop Rubber Company Limited. Wheels. (7th November 1962).

90618. Dunlop Rubber Company Limited. Wheel manufacture. (7th November 1962).

90619. Castrol Limited. Improvements in or relating to additives for lubricating compositions. (9th November 1962).

90620. AMP Incorporated. Feed-back shift registers.

90621. Imperial Chemical Industries Limited. Manufacture of polyurethanes. (23rd November 1962).

90622. The General Electric Company Limited. Improvements in or relating to electric toasters. (5th November 1962).

90623. Sandoz Ltd. Improvements in or relating to organic compounds. (5th November 1962).

90624. Roussel-Uclaf. Process for the preparation of novel steroid compounds, and pharmaceutical compositions incorporating them. (20th February 1963).

90625. Farbenfabriken Bayer Aktiengesellschaft. Moulding compositions based on elastically thermoplastic copolymer mixtures. (4th October 1963).

90626. Socony Mobil Oil Company, Inc. Succinaminc metal salts in turbine oils.

90627. Aaronson Bros. Limited. Improvements in or relating to methods of producing sheets of wood veneer and to the sheets of wood veneer so produced. (19th November 1962).

90628. Eprova Aktiengesellschaft. Improvements in X-ray contrast agents. (3rd October 1963).

90629. Jeco Company, Limited. Tuning fork clock.

90630. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Ascorbic acid esters, process for the manufacture thereof and use of same.

5th November 1963

90631. M. A. Vaidya and S. M. Vaidya. A submerged plunger pump.

90632. P. M. Chaubal. Improvements in or relating to footwear.

90633. J. R. Gelg A. G. Process for the production of anthraquinone dyestuffs.

90634. Bakelite Limited. Improvements in or relating to decorative laminates. (6th November 1962).

90635. United States Rubber Company. Improvements in plant growth regulants and herbicides.

90636. Farbenfabriken Bayer Aktiengesellschaft. New dyestuffs. (19th August 1963).

90637. Stamicarbon N. V. Process for preparing phosphoric acid and phosphates from raw phosphates decomposed with nitric acid.

90638. Permoglaze Limited. Improvements in thixotropic emulsions. (21st November 1962).

90639. The Firestone Tire & Rubber Company. Tire rim.

90640. Canadian Industries Limited. Improvements in and relating to polyethylene blends. (10th November 1962).

90641. Canadian Industries Limited. Improvements in and relating to polyolefine compositions. (10th November 1962).

90642. Imperial Chemical Industries Limited. Manufacture of organic bases. (12th November 1962).

90643. Associated Electrical Industries Limited. Improvements relating to gearing arrangements. (15th November 1962).

90644. Westinghouse Electric Corporation. Improvements in or relating to electron discharge device.

90645. Westinghouse Electric Corporation. Improvements in or relating to electron discharge device.

90646. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Improvements in multicell electrolytic furnaces with suspended electrodes for aluminum production.

90647. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to electric lamps of the kind having a centering ring.

90648. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of providing tubular lamps with reference means and lamps manufactured by such methods.

90649. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to electric lamps.

90650. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to electric lamps.

90651. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to line deflection circuits for use in a television receiver.

90652. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to marking circuit arrangements for use in an electronic switching network.

90653. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to dry shaving apparatus of the kind comprising a pivotally fastened shaving head.

90654. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to gas-fractionating columns.

90655. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to adjustable damping networks.

90656. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to electric discharge valves of the kind comprising a strongly loaded anode.

90657. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to methods of manufacturing aluminium electrode foils for use in electrolytic capacitors.

90658. Sandoz Ltd. Dyeing, padding or printing process. (6th November 1962).

90659. Ciba Limited. Production of new antibiotically active compounds.

90660. Hermann Pfauter. Gear cutting machine. (1st May 1963).

90661. Roussel-Uclaf. Improvements in or relating to the purification of dimethylbenzimidazolyl adenosylcobamido coenzyme and the compound thus produced. (22nd January 1963).

90662. Ciba Limited. Improved pesticidal preparation.

90663. Davidson of India (Private) Limited. P. A. S. Charles. Improvements in or relating to machines for treating tea.

90664. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of polyene compounds.

90665. E. I. Du Pont De Nemours and Company. Shaped refractory product and process for forming the same. [Divisional date 30th July 1963].

90666. Ciba Limited. Process for dyeing wool yarn and preparations for use therein.

90667. Ciba Limited. Process for the manufacture of acylamino compounds.

90668. Aktiebolaget Svenska Flaktfabriken. A valve for air or other gaseous medium.

90669. International Rectifier Corporation. Series connected controlled rectifiers.

90670. Gero Metallurgical Corporation. Method and apparatus for vacuum casting of molten metal. (8th May 1963). [Addition to No. 79729].

90671. McNeil Laboratories, Incorporated. New compounds.

90672. Fichtel & Sachs AG. A disengaging bearing for a clutches.

90673. Veb Elektro-Apparate-Werke Berlin Treptow. Electromagnet, particularly a releasing magnet.

6th November 1963

90674. Council of Scientific and Industrial Research. Activated carbon for phosgene manufacture.

90675. Council of Scientific and Industrial Research. Improvements in or relating to the manufacture of phosgene (carbonyl chloride).

90676. Council of Scientific and Industrial Research. A process for the extraction and recovery of phenols from distillates of coal tar and mineral oil distillates containing phenols.

90677. Council of Scientific and Industrial Research. A new method for the preparation of formic acid.

90678. Morehead Mills, Inc. Process and apparatus for making yarns from picker laps. (13th November 1962).

90679. Varta Aktiengesellschaft. Electrode pastes.

90680. Riz Parfumerie-Fabrik G.m.b.H. Container for suspensions having a tendency to form sediment, in particular nail varnish.

90681. Ciba Limited. Manufacture of ether acids.

90682. S. K. Karanjia. Improvements in or relating to collapsible containers.

90683. Caterpillar Tractor Co. Hydraulic Circuit for control of earthmoving scraper bowls.

90684. Imperial Chemical Industries Limited. Manufacture of organic bases. (12th November 1962).

90685. L. Doyen and L. Doyen. Container of plastic material and method of producing same. (14th November 1962).

90686. Dunlop Rubber Company Limited. Improvements in or relating to roller coverings and jackets.

90687. Hovercraft Development Limited. Improvements relating to vehicles for travelling over a surface. (13th November 1962).

90688. The Goodyear Tire & Rubber Company. Improvements in stabilization of stereospecific spatially oriented polymers prepared from olefinic hydrocarbons.

90689. Stanton and Staveley Limited. Improved casting method. (23rd November 1962).

90690. Indian Oxygen Limited. Treatment of molten metal. (9th November 1962).

90691. Indian Oxygen Limited. Process and apparatus for treating molten metal. (9th November 1962).

90692. Sperry Rand Corporation. Logic circuit.

90693. Continental Oil Company. Drilling method and apparatus. (4th October 1963).

90694. The Youngstown Research & Development Company. Improvements in or relating to the maintenance of a given work roll deflection in a rolling mill.

90695. G. Rasmussen. A device for helical edgewise winding of a ribbon onto a rotating tube.

90696. Tadzhikski Sel'skokhozjaistvenny Institut. Relating to the aluminium hydroxyde formaldehyde-deglucerol vaccine against smallpox in goats.

90697. J. A. Hint, L. S. Vanaselja and U. H. Muiste. A disintegrator for preparing activated and homogenized lime-sand or silicalcite, cement-stand and other mixes. [Addition to No. 73986].

90698. Metallgesellschaft A. G. Process for prevention of the abrasion of pellets for iron-ore reduction.

90699. Metallgesellschaft A. G. Process for preparation of SO_3 and/or sulphuric acid by catalytic reaction of diluted gases containing SO_3 .

90700. Knorr-Bremse Kommanditgesellschaft. Centering device for a pipe-line coupling arranged at center-buffer coupling of rail vehicles.

90701. V. D. Veera, R. S. Mani, G. V. Desai and K. S. Veera. Manufacturing a threading machine.

7th November 1963

90702. G. C. Saini. Musical cycle bell.

90703. Mrs. Nirmala J. Mehta. A hook-on tie.

90704. Dr. S. M. Atlas. Electronic conductor and semiconductor.

90705. Lansing Bagnall Limited. Improvements in or relating to load supporting and transporting devices. (8th November 1962).

90706. Murfitt (Bulk Transporters) Limited, and Associated British Maltsters Limited. Improvements in or relating to bulk transporting vehicles. (9th November 1962).

90707. British Nylon Spinners Limited. Improvements in or relating to the extrusion of synthetic high molecular weight polymers. (22nd November 1962).

90708. Union Carbide Corporation. Pressure plate.

90709. Union Carbide Corporation. Acoustic foam.

90710. Union Carbide Corporation. Production of premium coke.

90711. J. H. Vineberg. Bag structures.

90712. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Preparation of polymers and copolymers of acrylonitrile in granular shape adapted for the transformation into yarns with improved degree of whiteness and good dyeing properties with basic, dispersed and acid dyes.

90713. Klockner-Humboldt-Deutz Aktiengesellschaft. Installation for heating fine granular substances, particularly raw powdered cement. (4th October 1963).

90714. Sperry Rand Corporation. Method of magnetic recording.

90715. Tamares Limited. Improved propellant container and material therefor. (8th November 1962).

90716. Tamares Limited. Improved propellant container and material therefor. (8th November 1962).

90717. R. P. Heuer. Improvements relating to refractory bricks.

90718. Aziende Colori Nazionali Affini Acna S.p.A. Process for the preparation of quinacridone in the form of a pigment.

8th November 1963

90719. J. N. Singh. Float operated valve assembly.

90720. Tokyo Shibaura Electric Co., Ltd. Tap changing apparatus for a transformer.

90721. Tokyo Shibaura Electric Co., Ltd. Safety device for dynamic braking of electric vehicles.

90722. J. R. Geigy A. G. Process for the production of new picolinic acid derivatives.

90723. Farbenfabriken Bayer Aktiengesellschaft. New dyestuffs. (7th February 1962). [Divisional date 5th July 1962].

90724. Farbenfabriken Bayer Aktiengesellschaft. New dyestuffs. (7th February 1962). [Divisional date 5th July 1962].

90725. Farbenfabriken Bayer Aktiengesellschaft. New dyestuffs. (7th February 1962). [Divisional date 5th July 1962].

90726. Farbenfabriken Bayer Aktiengesellschaft. New dyestuffs. (7th February 1962). [Divisional date 5th July 1962].

90727. Farbenfabriken Bayer Aktiengesellschaft. Dyeing process. (7th February 1962). [Divisional date 5th July 1962].

90728. Huyck Corporation. Stable dryer fabrics and method of producing the same.

90729. The Distillers Company Limited. Production of sorbic acid. (12th December 1962).

90730. A. D. L. Bulgin. Improvements in torch devices. (8th November 1962).

90731. ACF Industries, Incorporated. Improvements in check valves for fuel pumps. [Divisional date 15th May 1962].

90732. Österreichische Stickstoffwerke Aktiengesellschaft. Catalytic process for preparing unsaturated aliphatic nitriles and catalyst therefor.

90733. Pilkington Brothers Limited. Improvements in or relating to the manufacture of flat glass. (9th November 1962).

90734. Lincoln Valves Limited. Improvements relating to valves. (9th November 1962).

90735. R. Ruffer. Variable ratio transmission gear systems.

90736. The Permutit Company Limited. Improvements relating to ion-exchange apparatus. (16th November 1962).

90737. The Permutit Company Limited. Improvements relating to water-softening plant. (16th November 1962).

90738. Rheinbau Gesellschaft Mit Beschränkter Haftung. Improved process for the production of lattice girders.

90739. Monsanto Chemical Company. Insecticide.

90740. Monsanto Chemical Company. Insecticide.

90741. W. Axmann. Cold glazed cement wall tiles.

Alteration of date

76339. Post-dated to 22nd February 1962 under Section 5 of the Act.

90665. Ante-dated to 30th July 1963 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

76339. A. R. Balsara. An improved apparatus for storing a volatile substance which will disinfect the atmospheric air and at the same time add perfume to the atmospheric air. Accepted on 7th November 1963.

Comprising a container consisting of (1) an outer member which is provided with a series of spaced slots or holes on its body (2) an inner or additional member, which remains within or on the outer member which is adapted to rotate or slide and is provided with series of spaced slots or holes (3) means for mounting the inner or additional member within or on outer member and at the same time allowing the inner member to rotate or slide within or on the outer member.

80326. Gevaert Photo-Production N. V. Photographic material for producing images. Accepted on 19th October 1963.

Characterized in that the light-sensitive material comprises a developing substance and the image-receiving material comprises a solvent for the silver halide and an alkaline substance.

80611. The B. F. Goodrich Company. Process for their preparation and latex composition for impregnating filamentary and/or fibrous materials. (15th May 1961). Accepted on 6th November 1963.

Polymerising (1) 90-99% by weight of lower alkyl ester of α , β -olefinically unsaturated monocarboxylic acid (2) 0-5% of α , β -olefinically unsaturated nitrile, (3) 0.1-5% of α , β -olefinically unsaturated carboxylic acid and (4) 0.1-5% of N-alkylamide of α , β -olefinically unsaturated carboxylic acid at -30 to 100°C.

80634. R. M. Shah. A device for preserving taste of baked and cooked food. Accepted on 5th November 1963.

Comprising a container, a cover lid with meshed apertures, a perforated disc resting on supports inside the container to provide a gas with the base.

80652. E. I. du Pont de Nemours and Company. Shaped refractory product and process for forming the same. Accepted on 7th November 1963.

Comprising a rigid aggregate of metal oxide shapes having at least one minor dimension, the oxide shape being a member of the class consisting of oxide formed by the in situ oxidation with gaseous oxygen of a metal of the class consisting of aluminium, beryllium, calcium, chromium, columbium, copper, hafnium, iron, magnesium, nickel, silicon, tantalum, thorium, titanium, zirconium and alloys.

80981. Sperry Rand Corporation. Digital data processing system. Accepted on 8th November 1963.

Comprising a static display register, and gating means associated with said register, and a manually operated switch.

81036. N. M. Kurani. An improved dropper-cum-container device. Accepted on 7th November 1963.

Characterised in that the bulb budges out of the cap completely.

81676. R. P. Heuer. Improvements in and relating to refractory bricks. (5th March 1962). Accepted on 5th November 1963.

Comprising a body of basic refractory material and internal oxidizable plates extending longitudinally of the brick such that each lateral face of brick has at least one plate normal to it and each of two opposite lateral faces of brick has two plates normal to it.

81842. Sandoz Ltd. Basic dyes. Accepted on 18th October 1963.

Reacting an amine with a halogenamine, quaternating the reaction product with an agent yielding methyl group and converting it into a dye.

81999. Kozlekedes—Es Postaúgyi Miniszterium. Rail fastening system for reinforced concrete sleepers. Accepted on 29th October 1963.

Characterised in that the insert member is a disc shaped box having a ceiling against which the head of the clamping bolt is abutting and means are provided to prevent angular displacement of the bolt.

82010. Babcock & Wilcox Limited. Improvements in heat exchangers. Accepted on 2nd November 1963.

Wherein a plurality of deflector bodies with alternately changing cross section are arranged amongst tubes.

82014. Esso Research and Engineering Company. Process for gasification of hydrocarbons to hydrogen and carbon monoxide. Accepted on 4th November 1963.

Gasifying a fluidized bed of coke at 1700 to 2200°F to produce a mixture of H₂ and CO which a reducing gas.

82015. Esso Research and Engineering Company. Separation of hydrocarbons or of carbon monoxide. Accepted on 4th November 1963.

Passing the mixture through a complexing agent to form a complex, purging uncomplexed components by reducing pressure to dissociate a substantial proportion of said complex and recovering the compound from the complex.

82021. FMC Corporation. Polyester resins. Accepted on 2nd November 1963.

Curing a mixture containing 50-95% by weight of the total resin of (a) an unsaturated polyester (b) a reactive monomer containing polymerisable double bond; 5-50% of an epoxidised polybutadiene and an organic peroxide having decomposition temperature of at least 60°C, by heating said mixture at 70°C for a period of at least 15 seconds.

82032. Demarest Machines, Inc. A method and a machine for laying bricks. Accepted on 2nd November 1963.

Comprising a frame supporting a platform means for moving the platform vertically conveyor means for supplying bricks to the platform, brick receiving means above the course to be laid and carried by the platform and means for horizontally transferring bricks from the conveyor means to brick receiving means.

82036. Dowty Hydraulic Units Limited. Improvements in speed control apparatus for wheeled vehicles. (1st May 1961). [Addition to No. 71741]. Accepted on 2nd November 1963.

Comprising a liquid filled piston and cylinder unit arranged to act against the periphery of a vehicle wheel, low and high pressure valve ports, valve means and valve controlling devices.

82063. Pennsalt Chemicals Corporation. Stopping agents for emulsion polymerization processes. Accepted on 2nd November 1963.

In the process for polymerising an ethylenically unsaturated monomer and terminating the polymerisation by the addition of the stopping agent, the improvement which comprises using an N-N-dialkyl hydroxylamine as said stopping agent.

82081. Deutsche Edelstahlwerke Aktiengesellschaft and Howe Sound Company. Process for the production of aluminum diffusion layers on highly heat resistant metallic materials. Accepted on 4th November 1963.

Characterised in that the Al contents in the external zone of about 0.01 m.m. thickness is adjusted to values between 2 and 15%, preferably about 5% by aluminisation.

82083. Babcock & Wilcox Limited. Improvements in a method of manufacturing tubes. Accepted on 6th November 1963.

Wherein the tube having longitudinal striæ axially is twisted to impart to the tube a permanent twist and a helical form to the striæ.

82093. H. Dohan. A method of restraining the slippage of threads in a fabric made of intersecting threads. (10th May 1961). Accepted on 5th November 1963.

Bonding the threads of the fabric of a member of selected intersections by a quantity of a bonding agent.

82104. Reynolds Metals Company. Continuous casting of metals. Accepted on 7th November 1963.

Maintaining the metal in molten condition in that part of the moulding chamber nearest the inlet, causing solidification in that part of the chamber nearest the outlet, and continuously withdrawing solidified metal as an ingot from the outlet of the moulding chamber.

82134. Rohm & Haas Company. Pesticidal compositions. Accepted on 8th November 1963.

Comprising an emulsifying agent and a miticidal 1 : 1-bis(halophenyl)-2 : 2 : 2; trichloroethanol in methyl or ethyl oleate.

82141. Standard Telephones and Cables Limited. Antenna system. (27th July 1961). Accepted on 4th November 1963.

The difference between the heights of the upper and lower antennæ above the ground and the difference between the electrical lengths of the respective signal paths from the upper and lower antennæ to the signal feed arrangement being such that, over a particular range of angles of elevation, a slot in the vertical radiation pattern of one of the antennæ is overlapped by a part of a lobe in the vertical radiation pattern of the other antenna.

82150. Johns-Manville Corporation. Glass composition, fine fibers thereof and reinforced plastic materials comprising the fibers. Accepted on 4th November 1963.

A glass composition comprises SiO_2 , B_2O_3 , Al_2O_3 , Na_2O , K_2O , CaO , MgO , BaO , ZnO , ZrO_2 and CaF_2 .

82165. Imperial Chemical Industries Limited. Improvements in and relating to polyolefine film. (25th May 1961). Accepted on 8th November 1963.

The film is heated to a temperature at which it shrinks transversely and permitting the substantial transverse shrinkage before the grips of stenter grip the film.

82179. Sperry Rand Corporation. Method and means for connecting co-axial cables. Accepted on 2nd November 1963.

Separating dielectrics are mechanically joined together by a second conductive means and each of the first and second external conductors are solderlessly, mechanically and electrically connected with said second conductive means by means of rings.

82183. Elektrochemische Fabrik Kempen G.m.b.H. The dressing and/or glueing of webs. (22nd January 1962). Accepted on 8th November 1963.

Wherein an aqueous solution of glue is applied to the web and then the web is dried with a heated roller at temperature between 170°C to 230°C.

82207. Sperry Rand Corporation. Electronic data processing apparatus. (1st September 1961). Accepted on 7th November 1963.

Having a storage means to store information, input means, and means to perform logical operations.

82213. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Olefin polymer purification and stabilization. Accepted on 6th November 1963.

Washing the polymers in the absence of air and water with the aliphatic alcoholic solution of alkali or alkaline earth metal derivative of an aliphatic polyvalent alcohol in an amount such as to neutralise the acidity developed by the catalyst composition at the end of the polymerisation by addition of methanol to the polymerisation mixture and to act as a purifier and stabilizer.

82240. California Research Corporation. Well logging tool. (24th August 1961). Accepted on 6th November 1963.

Comprising an enclosure, means for supporting and for moving said enclosure into and out of the well bore, an electromagnetic coil supported on said enclosure and means for energizing and de-energizing said coil.

82247. Imperial Chemical Industries Limited. New dyestuffs. (19th May 1961). Accepted on 6th November 1963.

Reacting a polyhalogeno-1 : 3 : 5-triazine and an azo anthraquinone dye.

82253. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for the stereospecific polymerization of alpha-olefins. Accepted on 6th November 1963.
Polymerising a-olefin in the presence of a hydride or complex hydride of an alkaline metal and a metallorganic compound as catalyst.

82300. Imperial Chemical Industries Limited. Process for the production of new dyestuffs suitable for colouration of cellulose textile materials. (24th May 1961). Accepted on 6th November 1963.
Reacting a diamine with a heterocyclic compound of triazinyl type.

82304. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Poly-alpha-olefin compositions. [Addition to No. 62486]. Accepted on 6th November 1963.
Comprising a poly-a-olefin with 1 to 25% by weight of a pyridinic polyamide.

82308. Ciba Limited. New disazo-dyestuffs and their manufacture and use. [Addition to No. 61730]. Accepted on 4th November 1963.
Condensing an amino disazo dyestuff with a compound of formula γ -halogen where is a reactive heterocyclic substituent.

82320. Pittsburgh Plate Glass Company. Apparatus for winding glass fiber strand. Accepted on 2nd November 1963.
Comprises a winding tube and a traverse adapted to reciprocate in mutually opposite direction parallel to axis of the tube.

82326. Sperry Rand Corporation. Apparatus for producing and/or reading a record. Accepted on 6th November 1963.
Comprising a substantially non-compliant record medium a recording a reading transducers, means for mounting transducer, including a carrier member.

82336. Molins Machine Company Limited. Mechanical handling apparatus. (26th May 1961). Accepted on 5th November 1963.
Comprising a main structure in which the gripping members are connected to main articulated members and are adapted to move relative to the main base, a secondary structure comprising a secondary base supporting secondary articulated members, control members adapted to move relative to the secondary base and control means to actuate the gripping members.

82338. Socony Mobil Oil Company, Inc. Lubricant. Accepted on 4th November 1963.
Comprising a mixture of an oil of lubricating viscosity and a thickening ingredient of the class specified.

82347. Sperry Rand Corporation. High speed sheet stacking device. Accepted on 5th November 1963.
Wherein at least one disc having a plurality of arcuate slots extending inwardly from the perimeter of the disc, means for rotating the disc about its centre at a predetermined peripheral velocities.

82367. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. A fuel composition reducing wear in engines containing a liquid hydrocarbon based fuel admixed with a polyester. Accepted on 6th November 1963.
Containing a liquid hydrocarbon-based fuel admixed with a polyester.

82382. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing resinous sulphur-containing condensation products. Accepted on 5th November 1963.
Reacting by condensing (A) an aliphatic, cycloaliphatic or aromatic dicarboxylic acid on an ester, anhydride or dehalide of such an acid with a (B) a polyalkylene-polyamine.

82415. Caterpillar Tractor Co. Combined seal and thrust means. (2nd January 1962). Accepted on 5th November 1963.
Comprising two frusto-conical spring washers within a recess between the two parts and deflected in flat face-to-face contact and maintain in this condition by the proximity of the parts to each other.

82450. Imperial Chemical Industries Limited. Solid olefine polymer compositions and stabilisers therefor. (30th May 1961). Accepted on 7th November 1963.
Comprises an organic compound having a phenolic nucleus with an ortho substituent attached thereto by a carbon or nitrogen atom and a diester of a thioldiakanoic acid.

82487. Owens-Corning Fiberglas Corporation. Improvements in bituminous weathering sheet including continuous glass fibres. Accepted on 7th November 1963.
Comprises a moisture resistant weathering material reinforced by parallel webs of reinforcing materials, said webs being fully enclosed within the matrix and separated from each other across the thickness of the sheet.

82514. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the preparation of fast dyeings or prints on cellulose materials. Accepted on 5th November 1963.
Cellulose materials are padded with a coupling component, a reactive dyestuff and a diazonium compound and finally treated with an alkaline solution.

82536. Associated Electrical Industries Limited and S. H. Money. Improvements in cable terminating arrangements. (1st June 1961). Accepted on 8th November 1963.
Which includes clamping means for cable armouring and a wiping gland separate from clamping means whereby all stresses on the cable are borne by clamping means and not by gland.

82547. C. A. V. Limited. Improvements in shafts for imparting a drive from a driving member to a driven member. (1st June 1961). Accepted on 2nd November 1963.
Having in combination an axial bore, splines or other driving means, a part at said one end of the shaft and a torsion bar in the bore.

82564. Ciba Limited. Process for the manufacture of pigmented polyolefines. Accepted on 4th November 1963.
Powdered polyolefine is mixed with a liquid pigment dispersion.

82565. Daimler-Benz Aktiengesellschaft. Improvements relating to motor vehicles. (1st May 1962). Accepted on 8th November 1963.
Roof surface has a concave curvature in cross-section and a convex curvature in longitudinal section.

82606. Clark Equipment Company. A synchronizer clutch mechanism. Accepted on 8th November 1963.
Means for shifting the intermediate collar member axially into engagement with either of the rotatable gears for engaging positive clutch elements on the collar member with positive clutch elements on the gears.

82620. Kalle Aktiengesellschaft. Production of reversed images from light sensitive material containing diazo compounds. Accepted on 6th November 1963.
Effecting image-wise exposure of the coating to light, treating the exposed coating with an alkaline solution or hot water, the exposing the whole light-sensitive coating to light and then removing the light-unaffected parts by an alkaline developer.

82624. Imperial Chemical Industries Limited. Improvements in or relating to the manufacture of polymeric materials. (9th June 1961). Accepted on 6th November 1963.
Characterised in that the reaction is carried out in the presence of at least one compound from the group comprising the oxide, hydrated oxide and hydroxide of divalent tin.

82625. Imperial Chemical Industries Limited. Process for the preparation of tetraphenolic compounds suitable for the stabilisation of hydrocarbon polymers. (12th June 1961). Accepted on 6th November 1963.
Comprises interacting phenol with a dialdehyde or dialdehyde precursor in a solvent in presence of an acidic catalyst.

82703. The Black-Clawson Company. Paper machinery. Accepted on 7th November 1963.
Comprising a flow chamber, an upper slice lip carried by the front wall and cooperating with the bottom wall to define a slice outlet, means forming an inlet, rectifying means in said chamber.

82806. Union Carbide Corporation. Thermoplastic films and process for preparing same. Accepted on 7th November 1963.
Comprises intimately admixing at least two synthetic resins, forming a film from the mixture and thereafter molecularly orienting the film.

82852. Sperry Rand Corporation. Tape connector. Accepted on 6th November 1963.
The first mating member has a substantially rectangular configuration and second mating member a tapered configuration.

82882. Minister of Aviation in her Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. Reflective paint. Accepted on 6th November 1963.
Comprising a hardenable liquid carrier medium a pigment of finely divided solid particles of titanium pyrophosphate.

82921. Farbenfabriken Bayer Aktiengesellschaft. Method for the protection of materials subject to termite attack. Accepted on 7th November 1963.
A compound in which R is hydrogen atom, R₁ is a hydrogen atom or an alkyl radical, R₂ is an unsubstituted or substituted, saturated or unsaturated aliphatic radical, X is a sulphur atom or a sulphonyl group and m and n stand for whole numbers from 1 to 4, is used to impregnate the material to be protected during the production.

82935. Shell Internationale Research Maatschappij N. V. Industrial furnace provided with heating tubes in the heating space. Accepted on 8th November 1963.
Heating liquid or gaseous media in heating tubes which are arranged in rows in the heating space and issue in headers present outside the heating space wherein the tube ends with the headers are secured in hollow, closed elements which communicates with heating space by means of plurality of gaseous ducts.

82958. Sumner Iron Works, Inc. Bamboo chipper. Accepted on 8th November 1963.
Automatically adjusting jaw-like crushing action of the coacting gangs or banks of stock feeding and crushing rollers to establish a yieldable crushing pressure best suited for chipping.

83014. SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung. Improvements in or relating to top roll carrier and weighting arms for textile drafting machines. Accepted on 2nd November 1963.
At least one of the top rolls having weighting pressure applied through pressure means and at least one of the top rolls having weighting pressure applied through mechanical means.

83048. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of maintaining the continuous operation of a device for separating constituents in the solid state from a gas mixture by cooling and devices for carrying out these methods. Accepted on 7th November 1963.
Characterised in that the layers are kept at constant temperature by pumping to circulate a boiling gas mixture through the ducts in the supports, the device receiving only a quantity of liquid gas mixture equal to the quantity evaporated and in that an equilibrium is maintained between the vapour and the liquid in the ducts.

83302. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to circuit arrangements including a tunnel diode. Accepted on 8th November 1963.
Wherein the series circuit of an inductance and a normal diode having the same pass direction as the tunnel diode, is connected in parallel with the tunnel diode.

83387. Modranske Strojirny Ckd, Narodni Podnik. Non-return valve with automatic electrical relief control. Accepted on 8th November 1963.
Cut-off device with an electric drive being interposed in the relief branch, an orifice plate of the float flow meter being situated behind the straight section of the spring and a sheath being mounted in the delivery branch of the feed pump or in the reducing piece.

83396. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Improvements in the process for preparing textile fibres on the basis of crystalline polyolefins. [Addition to No. 71890]. Accepted on 4th November 1963.
Mixes of crystalline polyolefins with 1 to 25% by wt. of basic nitrogen compounds are extruded.

83604. Thatcher Glass Manufacturing Company, Inc. Method of making thermoplastic tubular container. Accepted on 8th November 1963.
Introducing a tubular thermoplastic member into a forming collar, cutting a disc of molten thermoplastic material and forcing the cut disc of said material into open end of said tubular member.

83624. F. Gabelin and Dr. W. Simonis. Method of filling fused or burnt portions and cracks in molds, especially ingot molds, consisting of cast iron or hematite iron. Accepted on 8th November 1963.
Removing the damaged material thereby producing a recess, coating the floor and sides of the recess without preheating the base, filling by build up welding the recess with a bonding layer in consecutive rows by welding with a thick gauge cast iron rod serving as electrode.

83679. Ross Operating Valve Company. Improvements in control valves. Accepted on 8th November 1963.
Body having oppositely disposed surfaces, a passage between the surfaces, a check valve in the passage to permit fluid flow in one direction only and an adjustable metering valve in the body between the surfaces.

83750. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing drums for devices intended for recording and/or reproducing signals of broad frequency spectra. Accepted on 2nd November 1963.
The bearing for the rotary parts being manufactured on a single piece of material and the peripheral surface being processed and a permanent rigid connection between the two end surfaces being processed and a permanent rigid connection between the two end surfaces being made externally of the periphery of the drum.

84102. Vickers-Armstrongs (Engineers) Limited. Improvements in or relating to vehicles. (13th September 1961). Accepted on 8th November 1963.

Having on its underside a flexible skirt extending downwardly from the peripheral part of the vehicle body for encircling the air cushion.

84143. Westinghouse Electric Corporation. Improvements in or relating to X-ray shutter apparatus. Accepted on 7th November 1963.

Comprising an operators control member mounted for movement with multi-directional freedom and means operatively connecting control member to X-ray shutters for selectively adjusting either one or both of transverse dimensions according to the direction of movement of control member.

84174. Dana Corporation. Improvements in or relating to a rotary clutch device. Accepted on 8th November 1963.

Resilient means normally operatively holding the drive and driven members in engagement and a release mechanism including means disposed adjacent the clutch device magazine and a winding device, is connected means.

84318. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to recording and/or reproduction apparatus including an arrangement for taking a tape-shaped record carrier out of a magazine. Accepted on 2nd November 1963.

In which a catch which is movably fitted on the slide adapted to move forwards and backwards along a guide path between a magazine and a winding device, is connected to a fixedly arranged operating device.

84344. Inventa A. G. Fur Forschung Und Patentverwertung. Process for the production of moulded polyamide bodies of uniformly finely crystalline structure. Accepted on 4th November 1963.

Cooling the polyamide melt being moulded in the presence of finely divided solid substances such as aluminium oxide.

84576. Lansing Bagnall Limited. Improvements in or relating to Industrial Lift trucks. (16th October 1961). Accepted on 8th November 1963).

Provided an operator platform on the carriage which platform extends through the space between the sides of the mast a control gear not interfering the passage of the operator.

84616. Sperry Rand Corporation. High frequency pulse generator. Accepted on 2nd November 1963.

Characterized by an input for receiving alternating input signals, a first diode, a second diode and further characterised by an output for supplying pulse signals.

84744. E. H. Green. Aerosol valve housing construction and method of making the same. Accepted on 8th November 1963.

A hollow valve housing having an entrance formed at one end thereof, a dip tube adapted to have one of its end secured within said entrance and a clamping sleeve encircling said end of the dip tube frictionally to engage the same.

85072. A. B. I. Holmgren. A method for producing welded products and a device for carrying out the method. Accepted on 8th November 1963.

Weld seam or bead is on both sides submitted to a permanent setting by means of rollers.

85166. Knorr-Bremse Kommanditgesellschaft. Transition coupling for vehicles running on rails. Accepted on 8th November 1963.

Side pieces of the free link of coupling rod which is articulated to the screw coupling are so designed in their cross-section in the vicinity of the pivotal point to the tension lock of the coupling chain that they represent in vertical portion of the chain links a form body which can be coupled with mid-buffer coupling.

85341. The Tata Iron and Steel Company Limited. Refractory material for hot repair. Accepted on 8th November 1963.

Dead burnt magnesite grains are coated with magnesium silicate and with iron oxide or open hearth slag using organic and inorganic solutions as adhesives.

85548. Rolls-Royce Limited. Nickel base alloy. (22nd December 1961). Accepted on 8th November 1963.

Alloy containing chromium — 15-16.5%, CO-9-11%, Molybdenum 7.5-9%, Al-3.8-4.5%, Ti-3.3-3.8%, C-11 to 18%, B .004-.008%, Fe-O-5%, Mn-O-4%, Si-O to .02%, N-O-0.05%, balance nickel

85847. Glaverbel. Glass furnace having a refining chamber for the molten glass. Accepted on 8th November 1963.

Having a refining chamber for molten glass with a depth smaller than the melting chamber and the thermal conditioning chamber for the glass.

85848. Glaverbel. Means for heating and thermally homogenising the glass in a working chamber of a glass furnace. Accepted on 8th November 1963.

Having a bath of molten material in contact with at least one part of the external surface of the working chamber.

90665. E. I. Du Pont De Nemours and Company. Shaped refractory product and process for forming the same. [Divisional date 30th July 1963]. Accepted on 7th November 1963.

Comprising a skeletal structure of interconnected walls which define cells, the skeletal structure being characterised by a dense continuum of crystals, the walls and interconnecting material being constituted by a crystalline refractory selected from the group of consisting of alpha-alumina.

Opposition Proceedings

The Opposition entered by American Machine & Foundry Company to the grant of a patent on application No. 72013 made by Imperial Chemical Industries Ltd. as notified in Part III, Section 2 of the Gazette of India dated the 5th May 1962. has been treated as abandoned.

Patents Sealed

75622. 79163. 84794. 84795.

Amendment Proceedings

(1)

The amendment proposed by Sperry Rand Company in respect of Patent application No. 78253 as advertised in the Gazette of India, Part III, Section 2 dated the 20th April 1963 has been treated as withdrawn.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Ciba Limited, Chemical Manufacturers, a Swiss Corporation, of 141, Klybeckstrasse, Basle, Switzerland, seek leave to amend the description and claims in the specification in respect of Patent application No. 80281. Any person desirous of opposing the application for amendment should at any time within three months from the date of this

Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Maschinenfabrik Rieter A.G., a Body Corporate organised under the laws of Switzerland of Winterthur, Switzerland, seek leave to amend the claims in the specification in respect of Patent application No. 80300. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

Renewal Fees Paid

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Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent:

No. 62036—Deba Prasad Basu

The patent ceased on the 17th October 1963, owing to non-payment of renewal fee within the prescribed time and the cessation of the patent was notified in Part III, Section 2, of the Gazette of India dated the 8th June 1963. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 4th January, 1964.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of the following patent:

No. 66793—Harish Chandra Saradana

The patent ceased on the 19th February 1963 owing to non-payment of renewal fee within the prescribed time and the cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated 20th July 1963. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17 on or before the 4th January 1964.

(3)

Notice is hereby given that an Order has been made on the 16th October 1963, restoring the Patent No. 49789 dated as of the 24th June 1953, granted to Usines Emile Henricot for 'improvements in grinding mills'.

(4)

Notice is hereby given that an Order has been made on the 30th October 1963 restoring the Patent No. 53755 dated as of the 9th February 1955 granted to Agricultural Implements and Brass Utensils for 'Method of manufacturing Utensils'.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 5. No. 118834. United Importers Corporation, Indian Partnership Firm, 15/2 Palton Road, Bombay-1, (Maharashtra), "Game board". July 25, 1963.

Class 13. Nos. 119538, 119540 & 119542 to 119545. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", September 13, 1963.

Class 13. Nos. 119698 and 119700 to 119727. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay-1, Maharashtra State, "Textile goods", September 27, 1963.

Class 13. Nos. 119736 to 119741. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay, Maharashtra State, "Textile goods", September 30, 1963.

Class 13. Nos. 119752 to 119762. The Sassoon Spinning & Weaving Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", October 1, 1963.

Class 13. Nos. 119772 and 119773. The Standard Mills Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, (India), October 4, 1963.

Class 13. Nos. 119780 to 119785. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay-1, Indian Company, "Textile piecegoods", October 4, 1963.

Copyright Extended for a Second Period of Five Years

Design Nos. 95967 to 95969 & 96157, Class 1.
 Design No. 96159, Class 1.
 Design No. 96442, Class 1.
 Design No. 100947, Class 1.
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 Design No. 96042, Class 3.

Copyright Extended for a Third Period of Five Years

Design No. 77403, Class 4.

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(H)	Massey Ferguson Inc.—90185.
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Hovercraft Development Limited—90225.	Misra, K. N.—90164, 90179.
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(I)	Molins Machine Company Limited—90146, 90173, 90554.
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